KCELT Website *Technical* User Manual

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Books

1. Image size needs to be 90px wide.

Breadcrumbs

- Turned off Breadcrumbs by changing the $breadcrumbs variable in themes>acquia_prosper>page.tpl.php.
- Trying to turn off breadcrumbs in the theme admin section did not work with this theme. Also, just commenting out where $breadcrumbs where added in page.tpl.php did not work either. Both broke the theme.

1. To create breadcrumbs from a node type, create a custom breadcrumb.
2. To create breadcrumbs from view , use the following code in the Header info under Basic Settings in Views. (http://civicactions.com/blog/2010/mar/31/adding_custom_breadcrumbs_views_pages)

```
<?php
global $base_url;
$breadcrumb[] = l('Home', null);
$breadcrumb[] .= l('We Are KCELT', 'about');
//$breadcrumb[] .= l(drupal_get_title(),
$base_url.$_SERVER['REQUEST_URI']);
drupal_set_breadcrumb($breadcrumb);
?>
```

3. To create breadcrumbs from a story or page, change body "Input Format" to PHP Code and add code from bullet #2.

Creation of blogs for each of the six "Collaborate" section.

1. Create "assessment blogger" role and assign it to the people who I want to assume that role.
2. Create a new content type, "Blog entry 2".
3. Give permissions to "assessment bloggers" to create Blog 2 entries.
4. Create View called "assessment_blog" that pulls all Nodes titled "Blog entry 2" by "assessment bloggers".

Enable Per Content Node Access

1. Enable Content Access module.
2. Go to Content Management>Page.
3. Click Radio box under "Per content node access control settings".

FCKeditor: To Remove FCKeditor from a textfield on a node

1. Go to admin/settings/fckeditor

2. Edit Global Profile
3. Go to Visibility settings
4. Under "Fields to exclude/include, add:
    a. node/344* - this will turn off fckeditor for all textareas on this node
    b. comment/* - this will turn off fckeditor for all comments

How to create Register Region

1. Edit themes/acquia_prosper/acquia_prosper.info
    a. Add `regions[register] = register`
2. Edit themes/acquia_prosper/page.tpl.php
    a. Add following code where you want region to be displayed:

```
<?php if ($register): ?>
<div id="register" class="region">
<?php print $register; ?>
</div>
<?php endif; ?>
```

3. Create new block and add to new region.
    a. Within block, add link with class styled in CSS file.
4. **When you create custom a sub-theme, regions will not be inherited.**

Images:

To add an image to a node without it being clickable (lightbox2), follow these steps:

1. Create node
2. Use file attachment to upload an image and get url of image.
3. Use wysiwyg to add image to move it where you want.

LDAP:

How to user RealName/Ldap Data/Profile modules together to create new username:

1) Activate Profile module
2) Create profile field eg "Full Name"
3) Install LDAP Authentication and Data modules
4) In LDAP Data module, configure the mapping between Drupal field and LDAP attribute (this is done on a per LDAP server basis)
5) Have a user login and check that you have recovered the LDAP attribute data in the Drupal profile
6) Install Realname module

7) Configure Realname "General" options to display Real name in nodes and to Override username theme

8) Configure Realname module to select Core Profile providing data to Realname

9) Configure Realname fields and check the "displayName" field, then put %1 in Name Pattern

Use this Read-Only LDAP account to for authentication (*must use this because our ldap server does not allow anonymous lookups)

```
//config for ms ad ldap
$config['ldapServers'] ="ldaps://10.220.199.13";
$config['ldapUsername']= "adreadonly";
$config['ldapPassword'] ="KCC_AD_ReadOnly";
```

Login Block: To edit login block:

1. Edit /modules/user/user.module
   - http://api.drupal.org/api/drupal
   - http://drupal.org/node/26419 - Documentation Home

How to create a module under the Six Categories (using Assessment for the example):

1. Create a new Assessment Module.
2. Create a new Module Shell. Select Assessment from the radio buttons.
3. Create a new QuickTab block (admin>Quicktabs) .
   a. Include the node id for the Assessment Module you just created.
   b. Include another node for the Do IT portion of the module.
4. Go back to the Assessment Module you create and add the QuickTab block to the body.
   a. <?php $block = module_invoke('quicktabs', 'block', 'view', 9); ?>
      <?php print $block['content']; ?>
   b. 9 should be replaced by the new block ID, located in the blocks table in the db.

How to edit User/Navigation block to display Profile Module field

- http://drupal.org/node/229810
- In the user.module file, I added the following code:

```
global $user;
//Load profile fields from database
profile_load_profile($user);
if ($user->uid == 1){
      $block['subject'] = "Welcome ".$user->name;
```

```
        }else{
              $block['subject'] = "Welcome ".$user->profile_firstname;
        }
```

New Icon

1. To create the "**NEW!**" icon in a **Node**, add the following code in either a node.tpl.php or page.tpl.php themed document:

```
<?php
$created = $node->created;
$expire = $created + (7 * 24 * 60 * 60); //one week later
if ($expire > time()) {
      echo '<span class = "newicon">  NEW!</span>';
}
?>
```

2. To create "**NEW!**" icon in **Views**, first create a PHP custom field in Views and then add the following code:

```
<?php
$created = $data->node_created;
$expire = $created + (7 * 24 * 60 * 60); //one week later
if ($expire > time()) {
      echo '<span class = "newicon"> NEW!</span>';
}
?>
```

    a. Also, in CSS, you will need to make the divs that contain the "NEW!" icon and the title display inline:
        i. `display:inline;`

KCELT Documents Section Notes

Code for KCELT Documents to make document link go to "_blank". This code goes in node-document.tpl.php:

```
<?
        print $node->content['body']['#value'];
        if (strpos($node->field_doc_upload[0]['filename'],".pdf")){
                echo '<img
src="http://kcelt.kirkwood.edu/modules/filefield/icons/application-pdf.png"
alt="application/pdf icon" class="filefield-icon field-icon-application-
pdf">';
        }else if (strpos($node->field_doc_upload[0]['filename'],".txt")){
                echo '<img
src="http://kcelt.kirkwood.edu/modules/filefield/icons/text-plain.png"
alt="text/plain icon" class="filefield-icon field-icon-text-plain">';
        }else if (strpos($node->field_doc_upload[0]['filename'],".doc") ||
strpos($node->field_doc_upload[0]['filename'],".docx")){
```

```
                echo '<img
src="http://kcelt.kirkwood.edu/modules/filefield/icons/x-office-document.png"
alt="application/vnd.openxmlformats-officedocument.wordprocessingml.document
icon" class="filefield-icon field-icon-application-vnd.openxmlformats-
officedocument.wordprocessingml.document">';
        }else if (strpos($node->field_doc_upload[0]['filename'],".xls") ||
strpos($node->field_doc_upload[0]['filename'],".xlsx")){
                echo '<img
src="http://kcelt.kirkwood.edu/modules/filefield/icons/x-office-
spreadsheet.png" alt="application/vnd.openxmlformats-
officedocument.spreadsheetml.sheet icon" class="filefield-icon field-icon-
application-vnd.openxmlformats-officedocument.spreadsheetml.sheet">';
        }else if (strpos($node->field_doc_upload[0]['filename'],".pptx") ||
strpos($node->field_doc_upload[0]['filename'],".ppt")){
                echo '<img
src="http://kcelt.kirkwood.edu/modules/filefield/icons/x-office-
presentation.png" alt="application/vnd.openxmlformats-
officedocument.presentationml.presentation icon" class="filefield-icon field-
icon-application-vnd.openxmlformats-
officedocument.presentationml.presentation">';
        }
        print '<a href="'.$node->field_doc_upload[0]['filepath'].'"
target="_blank">'.$node->field_doc_upload[0]['filename'].'</a>';
   ?>
```

KCELT Course Mass Upload Process

- To combine Room number and Building, create a new column and use Concatenate function and place a space in between, then hide old Room Number and Building columns.
- Change date fields to custom format type yyyy-mm-dd.
- Change times to military time.
- Before "building" .CSV, under **Find & Select** button, click on "**Go to special...**" and then click on "**Visible cells only**" and paste into a new worksheet.
- Put space before Room Number so when searching CSV to split times you search doesn't pull up this field.
- Manually remove commas from final .CSV file between start date and start time and end date and end time. (You can do a search and replace for most looking for ",1" ",2" etc.)
- Order of fields for .CSV: Title, Course Type, Section Name, Description, Notes, Start Date and Time, End Date and Time, Location
- Use **Import Content** module in Drupal to upload content.
- In Step 3, make sure "**First row contains column names**" is not checked.

KCELT Course Registration information

To add registration info. at the bottom of each KCELT course page,

1. Create a node-event.tpl.php by duplicating node.tpl.php in /themes/acquia_prosper/
2. After `<?php print $content ?>` add the following:

```
<?php if (!$teaser){
      echo '<p><strong>To Register:</strong><br />';
      echo 'The easiest way is to go to KIN, click on
      <strong>Applications</strong>, then in the
      <strong>EagleNet</strong> menu, click on <strong>KCELT
      Registration</strong> and then <strong>Search and Register for
      KCELT Classes</strong>. You can also register by email at <a
      href="mailto:kcelt@kirkwood.edu">kcelt@kirkwood.edu</a> (include
      the section number listed above in parenthesis), or by phone you
      can call <a href="mailto:jodie.stoessel@kirkwood.edu">Jodie
      Stoessel</a> at ext. 7613.</p>';
}
?>
```

3. Save new file and copy back to /themes/acquia_prosper

Permissions (ACL/Forum Access/Content Access modules)

1. **Forum** Permissions set at Content Management>Forums>edit forum.
2. Permissions for all **Content Types** can be set two different ways - Globally for a CT or more granularly per node.

a. **(Globally per CT)** - Go to Content Management>Content Types>edit (one of the content types)>Access control. (This will set permissions.

b. **(Per Node)** - Go to Content Management>Content> search for node you want to edit. Then, click the Access control tab.

3. **Views** permissions are set within views under Basic Settings for a particular view you are creating. Go to Access setting and choose "Role". Then choose what roles to limit by.

QuickTabs

QuickTabs allow you to tab though blocks, nodes, views and other QTabs.

- To edit width of QT, go to /modules/quicktabs/tabstyles/basic/basic.css

Six Area Sub-Menus:

Custom menus for Six categories (Curriculum Example)

1. Create menu, then move menu block to region you want it to be displayed in.
2. Next, in block section of site, click on "configure" button for Curriculum menu block.

3. Under Page specific visibility settings, choose "Show if the following PHP code returns TRUE" and enter the following:

```
<?php
// valid node id in view mode
if ( arg(0) == 'node' AND is_numeric(arg(1)) AND arg(2) == FALSE ) {
    $node = node_load(arg(1)); // cached
    if ($node->type == "curriculum_blog") {
        return true;
    }
    if ($node->type == "module_shell" && $node-
>field_shell_type[0]['value'] == "Curriculum") {
        return true;
    }
}
if ($_GET['q'] == "curriculum_blogs" || $_GET['q'] ==
"curriculummodules") {
        return true;
}
return FALSE;
?>
```

4. This will make menu block appear on any node type that is curriculum_blog or module_shell (Curriculum). Menu will also appear on pages with paths of curriculum_blogs or curriculummodules.

To make items in Curriculum custom menu "active", by node-type, when curriculum_blog or module_shell (Curriculum) :

1. Use CSS - `body.node-type-module-shell #block-menu-menu-instruction ul.menu li.last a`
2. Or, in the case of Technology integration, which has three items, with non-unique class names, must use jQuery.
    a. Could use CSS nth child selector, but IE doesn't like it: `body.node-type-module-shell #block-menu-menu-technology-integration ul.menu li:nth-child(2) a`
    b. So, use jQuery in node-techintegration-modules.tpl.php:
    `<script>$("body.node-type-module-shell #block-menu-menu-technology-integration ul.menu li:nth-child(2) a").css("background-color", "#005399").css("color", "white");</script>`

T4LT

1. The views page is being created with the Grid Style in views.

Theme (CSS Styling)

Acquia Prosper theme, which is the default theme, is located in /themes/acquia_prosper.

- The main CSS file for styling the site is located in /themes/acquia_prosper/css/acquia-prosper-style.css
- Fusion Core and Skinr themes must be enabled as well

Theming Nodes by content type

1. To Theme content, put the following files in the /themes/acquia_prosper directory
2. http://drupal.org/node/17565
3. i.e. node-story.tpl.php
4. Themed Books node by creating node-books.tpl.php.

To split content when themeing a node, you can select out variables by using the following examples:

- <?php print $node -> content['image_attach']['#value']; ?>
- <?php print $node -> content['body']['#value']; ?>
- http://drupal.org/node/143078
- node-document.tpl.php

Tips

1. To give images with the site a border and padding, give the image a class of "giveimageborder".
2. To edit text in calendar jscript pop up, go to /modules/calendar/jcalendar/jcalendar.module
3. Can style views with just CSS. This is what I did for Beyond KCELT, Books and Tutorials.
    a. kcelt_sub.php
4. Location/Definitions of Drupal variables:
    a. http://api.drupal.org/api/drupal/globals/6

Troubleshooting Notes

- ShareThis is not compatible with a site running behind SSL.
- ImageCache won't work without Clean URL's enabled.
- Embedded Media Field (w/ You Tube) will not work because server does not have PHP version 5.2 or higher!
- Clean URL's will not work because I do not have access to edit httpd.conf and .htaccess files cannot be used.
- HTTP Request Fails
    - http://drupal.org/node/588186
- Place at the bottom of your sites/default/settings.php file
    - `$conf['drupal_http_request_fails'] = FALSE;`

- **IE can only handle 30 css scripts unless you tell it to "avoid limit" in the theme settings for Acquia Prosper.**
    - http://drupal.org/node/814544
- Fix multiple images in teaser: http://drupal.org/node/156528
- When creating a new view, start with `<?php print_r($node) ?>` to see all varaibles/data coming into the view.
- Also you can use `<? print_r(get_defined_vars());?> This will print out all variables passed.`

Install, Backup and Upgrade

When installing Drupal on a new PHP installation, make sure in php register globals is turned off and php memory limit is 120mb. USE STATUS REPORT PAGE IN DRUPAL (https://kcelt.kirkwood.edu/?q=admin/reports/status)!!!

Database:

How to change:

- Edit sites/default/settings.php.

MySQL information:

- https://z0crww21.kirkwood.edu/
- Username: **kcelt**
- Password: **kcelt_2010**

Database Back-up process

1. Export database structure first and import into WAMP.
2. Export all database table data except for cache tables.

Upgrading Drupal

Prior to upgrading, you should ensure that:

* Your system meets or exceeds Drupal's minimum requirements as shown at http://drupal.org/requirements.
* You have a backup of all your relevant data (#1).
* Custom and contributed modules have been checked for compatibility (#11).
* Custom and contributed themes have been checked for compatibility (#11).
* You have read through this entire document.

1. Back up your Drupal database and site root directory. Be especially sure to back up your "sites" directory which contains your configuration file, added modules and themes, and your site's uploaded files. If other files have modifications, such as .htaccess or robots.txt, back those up as well.

Note: for a single site setup, the configuration file is the "settings.php" file located at sites/default/settings.php. The default.settings.php file contains a clean copy for restoration purposes, if required.

For multisite configurations, the configuration file is located in a structure like the following:
sites/default/settings.php
sites/example.com/settings.php
sites/sub.example.com/settings.php
sites/sub.example.com.path/settings.php

More information on multisite configuration is located in INSTALL.txt.

2. If possible, log on as the user with user ID 1, which is the first account created and the main administrator account. User ID 1 will be able to automatically access update.php in step #10. There are special instructions in step #10 if you are unable to log on as user ID 1. Do not close your browser until the final step is complete.

3. Place the site in "Off-line" mode, to let the database updates run without interruption and avoid displaying errors to end users of the site. This option is at http://www.example.com/?q=admin/settings/site-maintenance (replace www.example.com with your installation's domain name and path).

4. If using a custom or contributed theme, switch to a core theme, such as Garland or Bluemarine.

5. Disable all custom and contributed modules.

6. Remove all old files and directories from the Drupal installation directory.

7. Unpack the new files and directories into the Drupal installation directory.

8. Copy your backed up "files" and "sites" directories to the Drupal installation directory. If other system files such as .htaccess or robots.txt were customized, re-create the modifications in the new versions of the files using the backups taken in step #1.

9. Verify the new configuration file to make sure it has correct information.

10. Run update.php by visiting http://www.example.com/update.php (replace www.example.com with your Drupal installation's domain name and path). This step will update the core database tables to the new Drupal installation.

Note: if you are unable to access update.php do the following:

1. Open your settings.php with a text editor.
2. There is a line that says $update_free_access = FALSE;
3. Change it to $update_free_access = TRUE;
4. Once update.php is done, you must change the settings.php file back to its original form with $update_free_access = FALSE;

11. Ensure that the versions of all custom and contributed modules match the new Drupal version to which you have updated. For a major update, such as from 5.x to 6.x, modules from previous versions will not be compatible and updated versions will be required.

- For contributed modules, check http://drupal.org/project/modules for the version of a module matching your version of Drupal.

- For custom modules, review http://drupal.org/update/modules to ensure that a custom module is compatible with the current version.

12. Re-enable custom and contributed modules and re-run update.php to update custom and contributed database tables.

13. Return the site to its original theme (if you switched to a core theme like Garland or Bluemarine in step #4). If your site uses a custom or contributed theme, make sure it is compatible with your version of Drupal.

- For contributed themes, check http://drupal.org/project/themes for the version of a theme matching your version of Drupal.

- For custom themes, review http://drupal.org/update/theme to ensure that a custom theme is compatible with the current version.

14. Finally, return your site to "Online" mode so your visitors may resume browsing. As in step #3, this option is available in your administration screens at http://www.example.com/?q=admin/settings/site-maintenance (replace www.example.com with your installation's domain name and path).

For more information on upgrading visit the Drupal handbook at http://drupal.org/upgrade

To work with PHP 5.3, you must:

1. http://drup.org/drupal-and-php-53
2. RealName module and php5.3 have trouble.
3. Enable Short Open Tags and Magic Quotes.
4. Upgrade Date module from version 6.x-2.2 to 6.x-2.7 by replacing old folder/files with updated folder/files.
5. Upgrade Calendar module from version 6.x-2.2 to 6.x-2.7 by replacing old folder/files with updated folder/files.
6. Rebuild Calendar block and page from new, disabled Calendar view in Views.
7. Upgrade Realname from version 6.x-1.3 to 6.x-1.4 by replacing old folders/files with updated folder/files.
8. **Do not upgrade Plus 1**
9. Run update.php

Voting/Rating

1. Install Voting API module first.
2. Install Plus 1 module second.